



79189/CEB  
Customer No. 01333

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of  
Inventor(s):  
Carl E. Radzio, Jr., et al.

**TITLE**

INJECTION MOLDING APPARATUS  
FOR A NON-METALLIC INJECTION  
MOLD

Serial No.: 09/452,930

Filed: Dec. 02, 1999

Commissioner for Patents  
Washington, D.C. 20231

Group Art Unit: 1722  
Examiner: Donald H. Heckenberg, Jr.

I hereby certify that this correspondence is being  
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Cheryl L. Betteridge

NAME

SIGNATURE

DATE: August 13, 2002

**PRELIMINARY AMENDMENT**

Sir:

**In The Claims:**

Please amend claims 1 and 4 as set forth below:

1. (Amended) An injection molding apparatus for making a molded part, comprising:
- an injection molding machine for injecting molten resin, said injection molding machine including a screw cylinder having a tip, a nozzle at said tip and a threaded screw advanceable in said screw cylinder for injecting molten resin from said nozzle, said injection molding machine further having structurally associated therewith a stationary portion and a movable mold portion forming a mold parting line therebetween;
- a non-metallic injection mold comprising a cavity mold and a core mold forming a hollow therebetween for forming an injection molded product therein, said cavity mold being accessible by said stationary portion and said movable mold portion;
- a first molten resin flow path extending from inside said screw cylinder to a terminal end of said hollow; and,
- a pressure relief valve located on said mold parting line in an engaged state relative to said first molten resin flow path at said terminal end of said hollow

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